

**FIG.**2

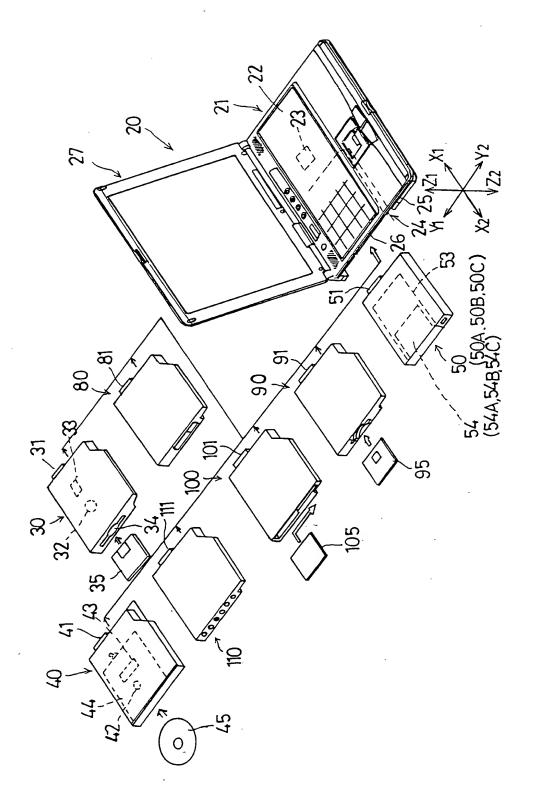
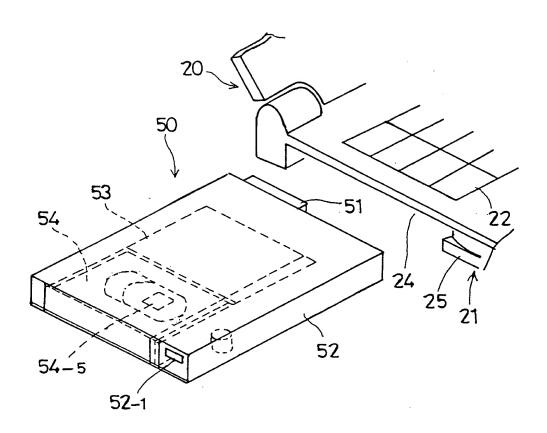


FIG.3



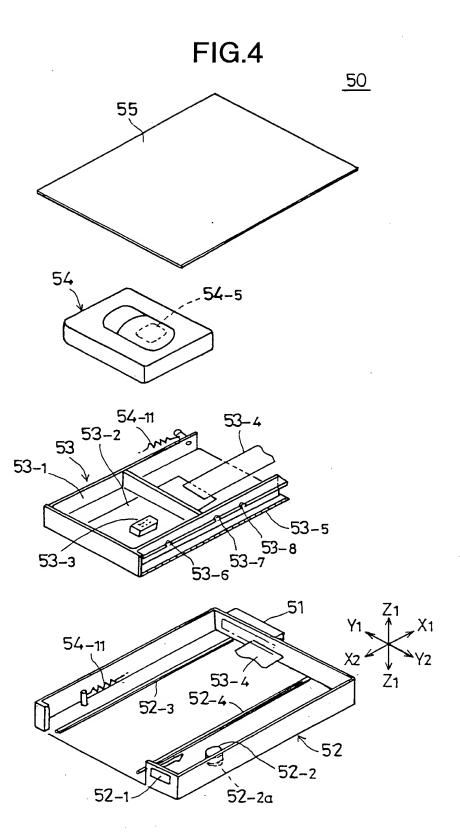
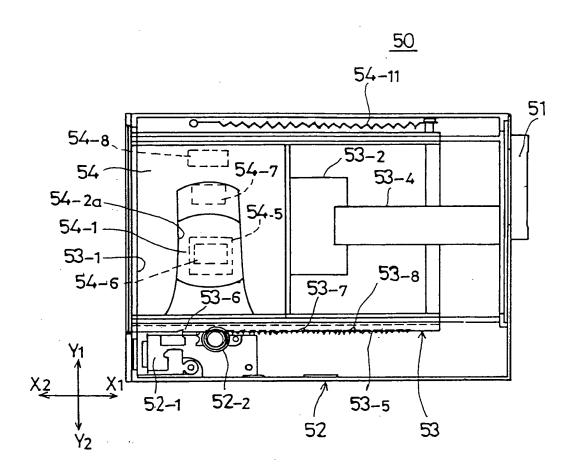
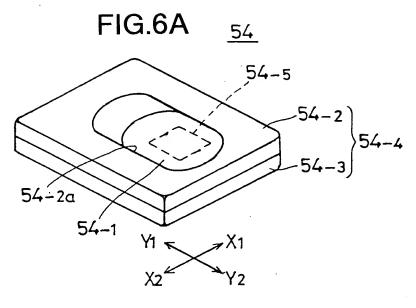
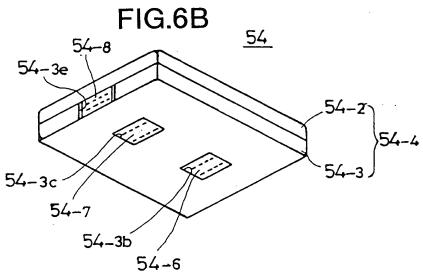
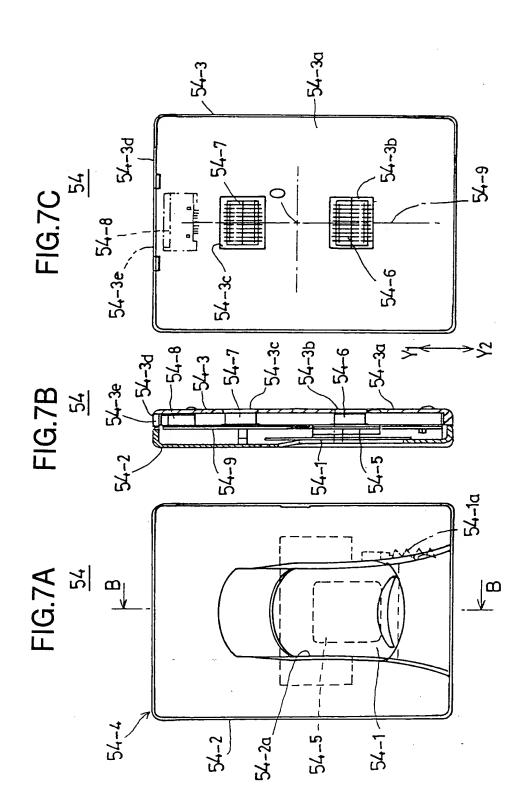


FIG.5









F16.8

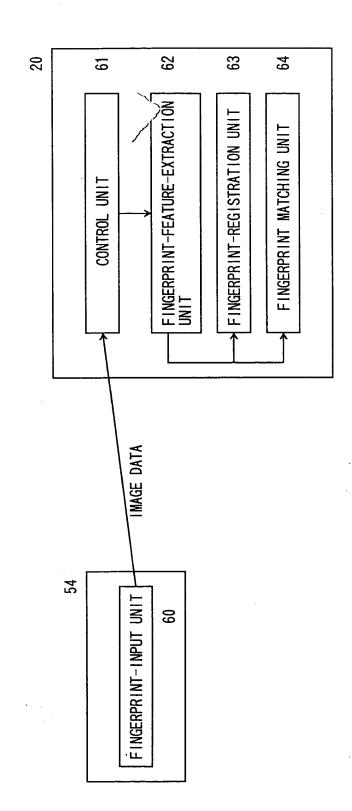
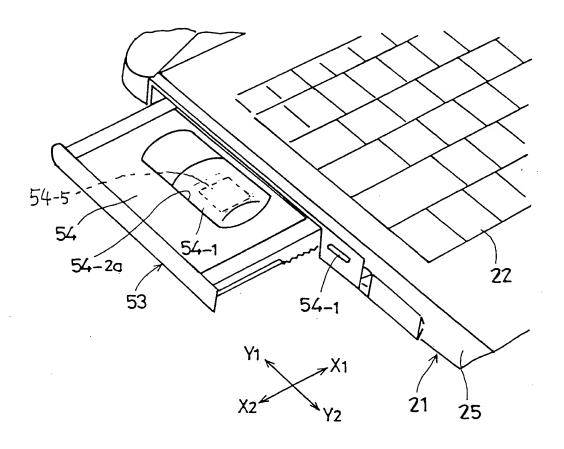
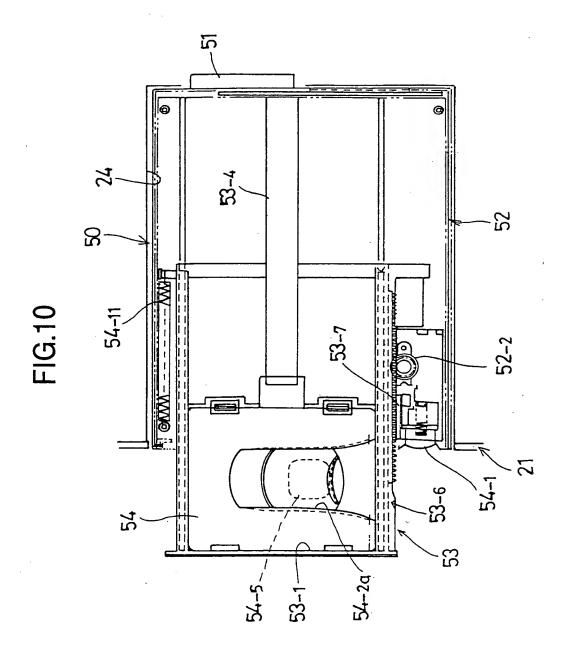


FIG.9





57 B. 54 33

FIG.11

FIG.12

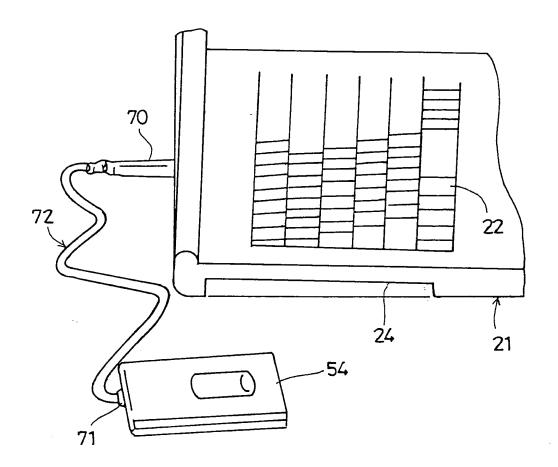
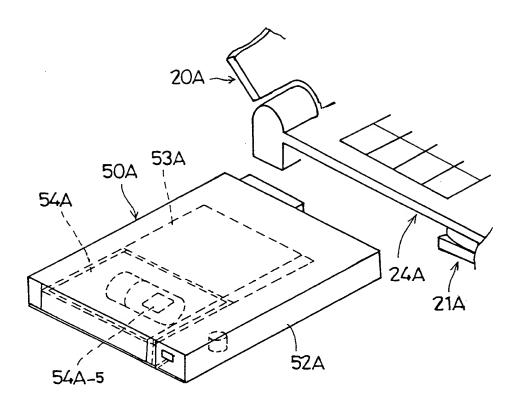


FIG.13



F1G. 14

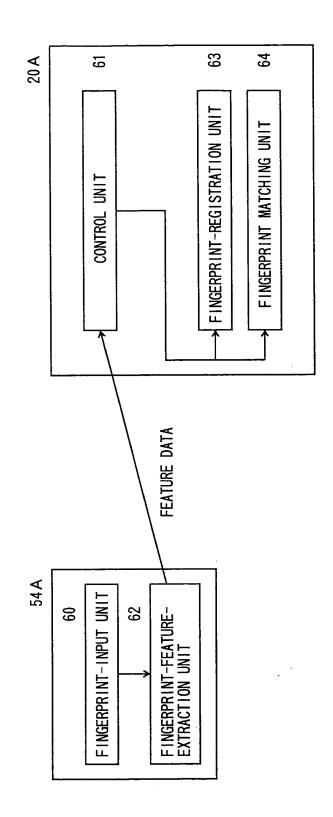
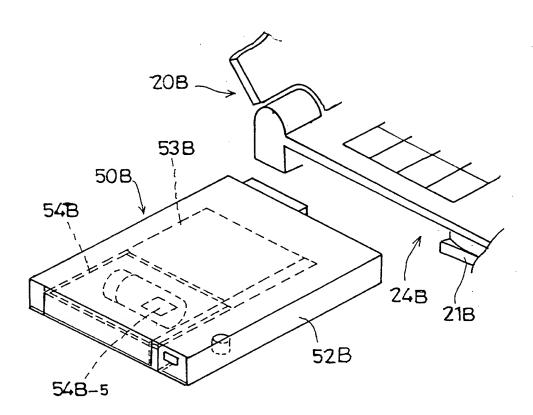


FIG.15



CONTROL UNIT OK/NG FIG. 16 54B 63 64 62 9 → FINGERPRINT-REGISTRATION UNIT FINGERPRINT MATCHING UNIT FINGERPRINT-INPUT UNIT FINGERPRINT-FEATURE-EXTRACTION UNIT

20 B

61

FIG.17

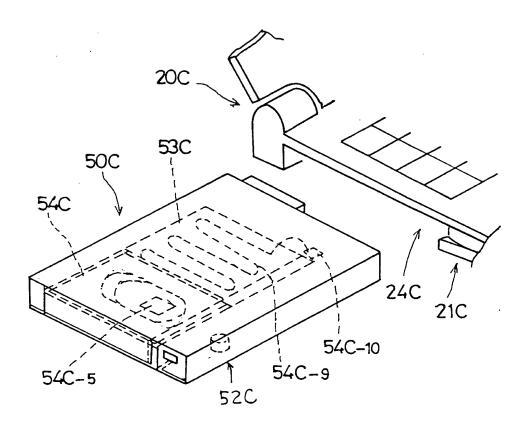


FIG.18

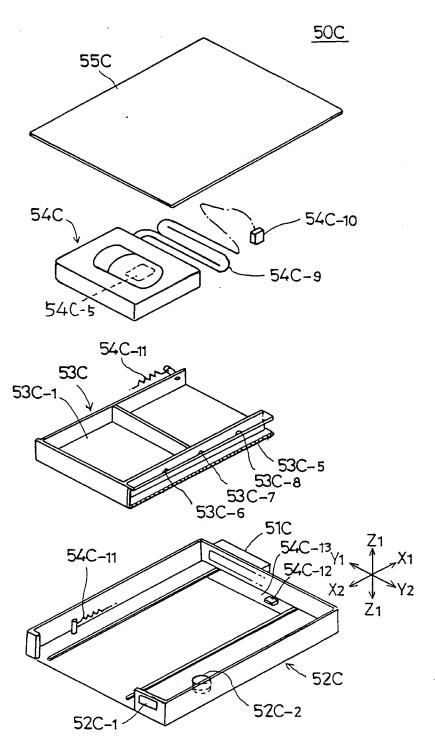


FIG.19A

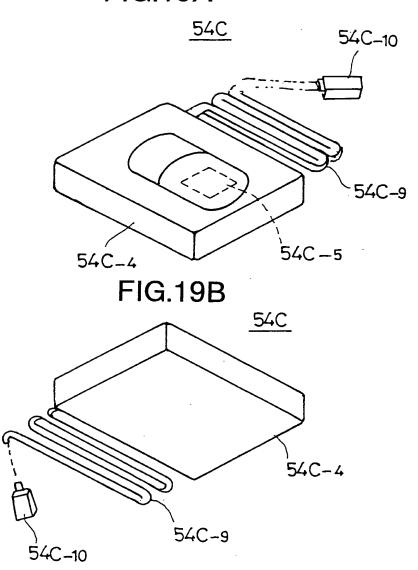


FIG.20

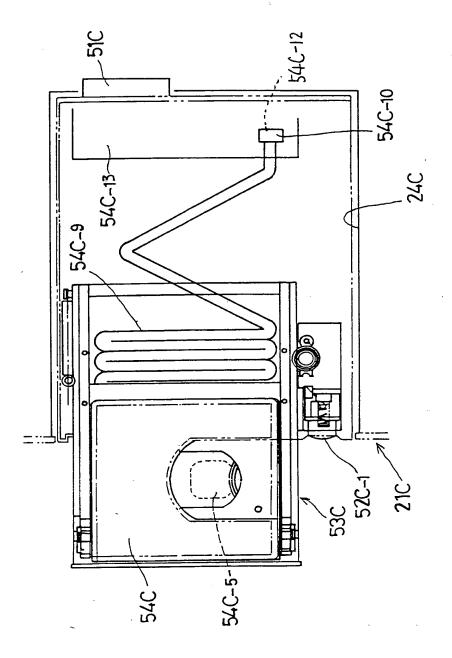


FIG.21

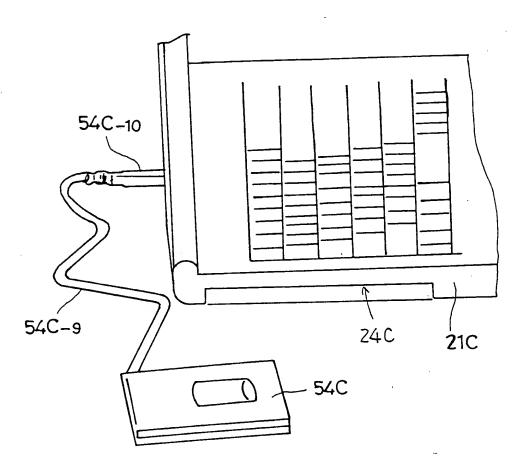
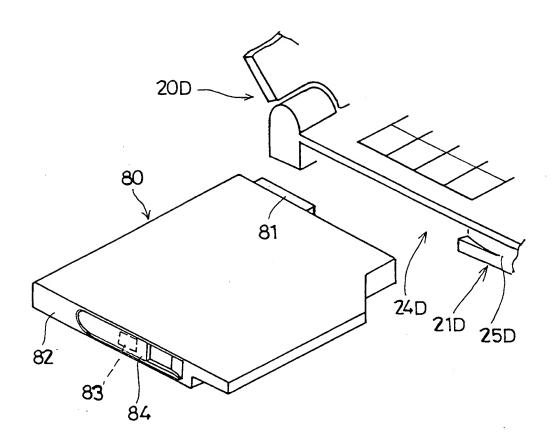
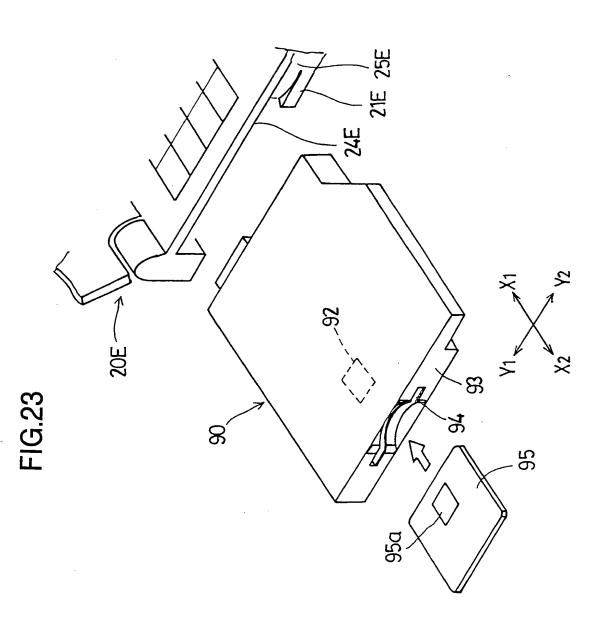
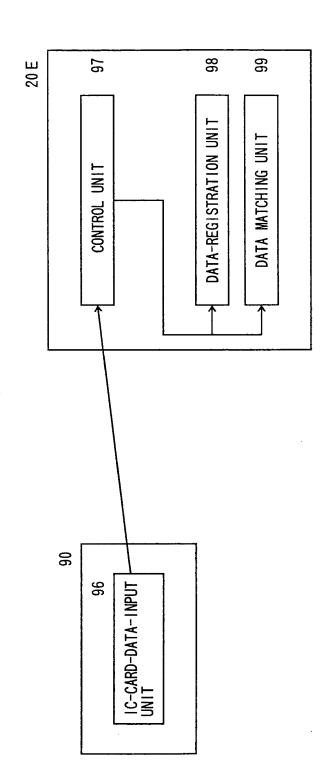


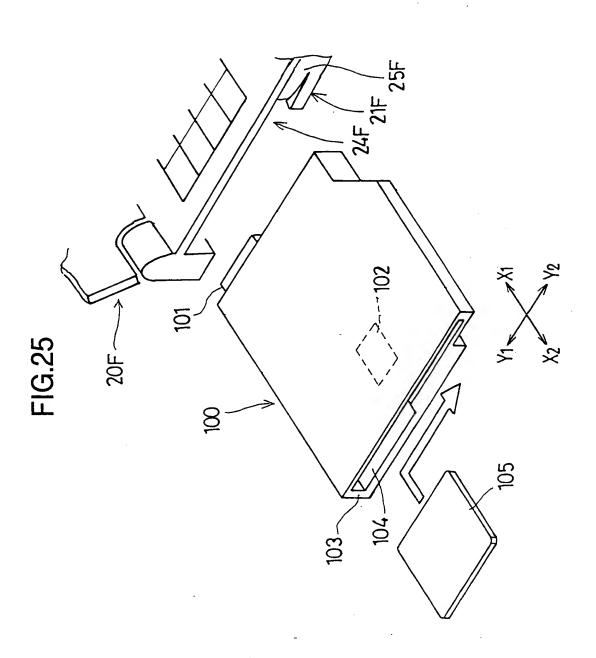
FIG.22





F1G. 24





F1G. 26

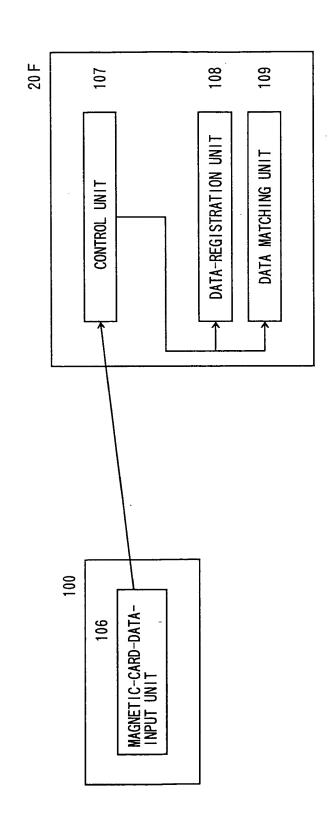
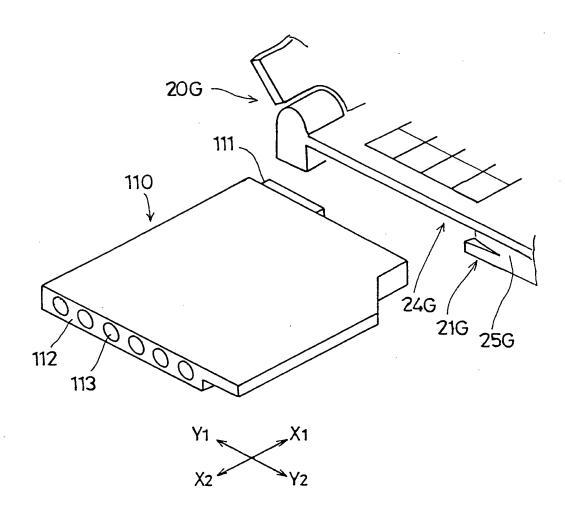


FIG.27



F1G. 28

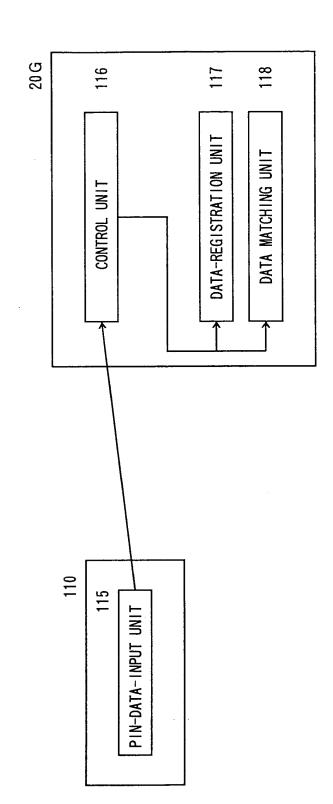
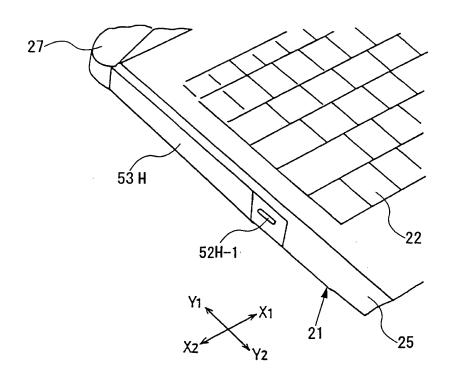


FIG. 29



20

FIG. 30

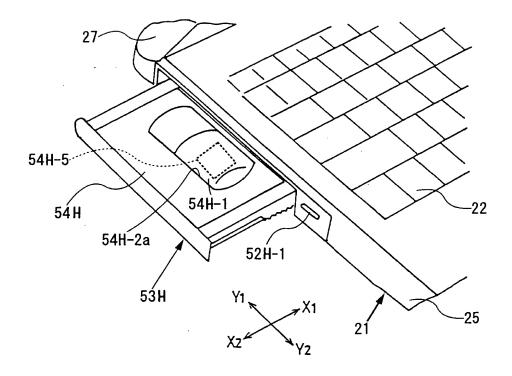


FIG. 31

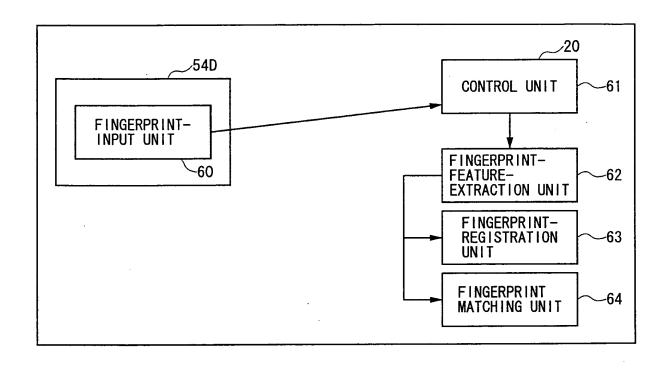


FIG. 32

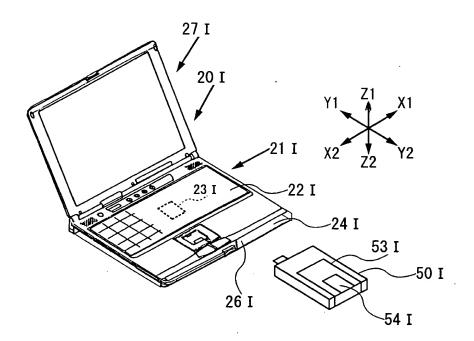


FIG. 33

